End of Result Set

☐ | Generate Collection | | Print |

L2: Entry 1 of 1   File: USPT   Nov 19, 2002

US-PAT-NO: 6484149
DOCUMENT-IDENTIFIER: US 6484149 B1
** See image for Certificate of Correction **

TITLE: Systems and methods for viewing product information, and methods for generating web pages

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jammes; Pierre J.	Bellevue	WA		
Franklin; D. Chase	Seattle	WA		
Remington; Darren B.	Issaquah	WA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 08/ 948453   [PALM]
DATE FILED: October 10, 1997

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/26
US-CL-CURRENT: 705/26

FIELD-OF-SEARCH: 705/26, 705/27, 705/28

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| Search Selected | | Search ALL |

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
5491795	February 1996	Beaudet et al.	345/346
5715314	February 1998	Payne et al.	380/24
5745681	April 1998	Levine et al.	705/26
5790116	April 1998	Malone et al.	345/335
5757917	May 1998	Rose et al.	380/25
5848399	December 1998	Burke	705/27
5855015	December 1998	Shoham	707/5
5897622	April 1999	Blinn et al.	705/26
5956487	September 1999	Venkatraman et al.	340/825.06
5970471	October 1999	Hill	705/26
6014638	January 2000	Burge et al.	705/27

ART-UNIT: 2132

PRIMARY-EXAMINER: Smithers; Matthew

ATTY-AGENT-FIRM: Lee & Hayes, PLLC

ABSTRACT:

A system and method for designing and operating an electronic store (1) permit a merchant to organize and advertise descriptions of product inventory over the Internet, (2) permit Web page information to be extracted on-demand from a product inventory database, and (3) permit Web pages to be automatically customized to fit shopping behaviors of individual consumers. A graphical store design user interface of a Web browser displays a hierarchical representation of products and, product groups of an electronic store. A user manipulates icons of the Web browser store design user interface to cause a Web server to modify relationships between products and product groups stored in a product information database. A store designer creates HTML template files, embeds database and customize references within the template files, and assigns template files to groups or products of the electronic store.

The Web server receives requests to access Web pages from consumers using standard Web browsers. The Web server opens a template file related to the requested Web page, creates hyperlinks and other information content by executing database references embedded within the template file, and merges the hyperlinks and content with the template file to generate an HTML Web page to send to the Web browser. The Web server automatically creates additional hyperlinks to any Web pages or products preferred by the consumer by executing customize instructions associated with customize references in a template file. To determine whether any products or Web pages are preferred by a consumer, the Web server examines a traffic analysis database and extracts the consumer's history of accesses to Web pages and orders of products. For each Web page the consumer has accessed, the Web server uses preferred page rules to determine whether the page was accessed with sufficient frequency to generate a hyperlink to the page. For each product the consumer ordered, the Web server uses preferred product rules to determine whether the product was ordered with sufficient frequency to generate a hyperlink to a page offering the product.

17 Claims, 33 Drawing figures

WEST Search History

DATE: Wednesday, October 29, 2003

Set Name	Query	Hit Count	Set Name
side by side			result set
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L13	L12 and l11	8	L13
L12	((705/26 |705/27 |705/28)!.CCLS.)	1399	L12
L11	L10 and ((transmit$ or send$) with (software or code or instruction))	12	L11
L10	L9 and ((merchant or seller) with (site or web$))	30	L10
	DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L9	(Internet or web or www or online) and ((agent$ or associat$ or affiliat$) same (site or web$)) and ((updat$ or modif$) with pric$) and @ad<=20010607	556	L9
L8	(Internet or web or www or online) and ((agent$ or associat$ or affiliat$) same (site or web$)) and ((updat$ or modif$) with pric$) and @ad<=200106	0	L8
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
L7	(Internet or web or www or online) and ((agent$ or associat$ or affiliat$) same site or web$) and ((updat$ or modif$) with pric$) and @ad<=200106	0	L7
L6	(Internet or web or www or online) and ((agent$ or associat$ or affiliat$) with site or web$) and ((updat$ or modif$) with pric$) and @ad<=200106	0	L6
L5	(merchant or seller) and ((agent$ or associat$ or affiliat$) with site or web$) and ((updat$ or modif$) with pric$) and @ad<=200106	0	L5
L4	(merchant or seller) and ((associate or affiliate) with site or web$) and ((updat$ or modif$) with pric$) and @ad<=200106	0	L4
	DB=PGPB,JPAB,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L3	(merchant or sell$) and ((agent$ or associate or affiliate) with site or web$) and ((chang$ or updat$ or modif$) with pric$) and @pd<=200106	0	L3
L2	(merchant or sell$) and ((associate or affiliate) with site or web$) and ((chang$ or updat$ or modif$) with pric$) and @pd<=200106	0	L2
L1	(merchant or seller) and ((associate or affiliate) with site or web$) and ((updat$ or modif$) with pric$) and @pd<=200106	0	L1

END OF SEARCH HISTORY

WEST

Generate Collection   Print

Search Results - Record(s) 1 through 8 of 8 returned.

1.   Document ID: US 6625581 B1

L13: Entry 1 of 8   File: USPT   Sep 23, 2003

US-PAT-NO: 6625581
DOCUMENT-IDENTIFIER: US 6625581 B1

TITLE: METHOD OF AND SYSTEM FOR ENABLING THE ACCESS OF CONSUMER PRODUCT RELATED
INFORMATION AND THE PURCHASE OF CONSUMER PRODUCTS AT POINTS OF CONSUMER PRESENCE ON
THE WORLD WIDE WEB (WWW) AT WHICH CONSUMER PRODUCT INFORMATION REQUEST (CPIR)
ENABLING SERVLET TAGS ARE EMBEDDED WITHIN HTML-ENCODED DOCUMENTS

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC |
| Draw Desc | Image |

2.   Document ID: US 6606744 B1

L13: Entry 2 of 8   File: USPT   Aug 12, 2003

US-PAT-NO: 6606744
DOCUMENT-IDENTIFIER: US 6606744 B1

TITLE: Providing collaborative installation management in a network-based supply
chain environment

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC |
| Draw Desc | Image |

3.   Document ID: US 6484149 B1

L13: Entry 3 of 8   File: USPT   Nov 19, 2002

US-PAT-NO: 6484149
DOCUMENT-IDENTIFIER: US 6484149 B1
** See image for Certificate of Correction **

TITLE: Systems and methods for viewing product information, and methods for
generating web pages

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC |
| Draw Desc | Image |

4.   Document ID: US 6446045 B1

L13: Entry 4 of 8   File: USPT   Sep 3, 2002

US-PAT-NO: 6446045
DOCUMENT-IDENTIFIER: US 6446045 B1

TITLE: Method for using computers to facilitate and control the creating of a
plurality of functions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 5. Document ID: US 6260024 B1

L13: Entry 5 of 8   File: USPT   Jul 10, 2001

US-PAT-NO: 6260024
DOCUMENT-IDENTIFIER: US 6260024 B1

TITLE: Method and apparatus for facilitating buyer-driven purchase orders on a
commercial network system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 6. Document ID: US 6125352 A

L13: Entry 6 of 8   File: USPT   Sep 26, 2000

US-PAT-NO: 6125352
DOCUMENT-IDENTIFIER: US 6125352 A
** See image for Certificate of Correction **

TITLE: System and method for conducting commerce over a distributed network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 7. Document ID: US 5809144 A

L13: Entry 7 of 8   File: USPT   Sep 15, 1998

US-PAT-NO: 5809144
DOCUMENT-IDENTIFIER: US 5809144 A

TITLE: Method and apparatus for purchasing and delivering digital goods over a
network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments		KWIC
Draw Desc	Image										

☐ 8. Document ID: US 4799156 A

US-PAT-NO: 4799156
DOCUMENT-IDENTIFIER: US 4799156 A
** See image for Certificate of Correction **

TITLE: Interactive market management system

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
| Draw Desc | Image |

| Generate Collection | Print |

Terms	Documents
L12 and l11	8

Display Format: TI | Change Format |

Previous Page   Next Page

L13: Entry 1 of 8   File: USPT   Sep. 23, 2003

US-PAT-NO: 6625581
DOCUMENT-IDENTIFIER: US 6625581 B1

TITLE: METHOD OF AND SYSTEM FOR ENABLING THE ACCESS OF CONSUMER PRODUCT RELATED
INFORMATION AND THE PURCHASE OF CONSUMER PRODUCTS AT POINTS OF CONSUMER PRESENCE ON
THE WORLD WIDE WEB (WWW) AT WHICH CONSUMER PRODUCT INFORMATION REQUEST (CPIR)
ENABLING SERVLET TAGS ARE EMBEDDED WITHIN HTML-ENCODED DOCUMENTS

DATE-ISSUED: September 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Perkowski; Thomas J.	Darien	CT		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
IPF, Inc.	Stamford	CT			02

APPL-NO: 09/ 447121   [PALM]
DATE FILED: November 22, 1999

PARENT-CASE:
RELATED CASES This Application is a Continuation-in-Part of Application 09/441,973
filed Nov. 17, 1999; which is a Continuation-in-Part of application Ser. No.
09/284,917 filed Jun. 25, 1999 which was entered into the U.S. on Apr. 21, 1999
which is a National Stage Entry Application from International Application No.
PCT/US97/19227 filed Oct. 27, 1997, published as WIPO Publication No. WO 98/19259 on
May 7, 1998; as well as a Continuation-in-Part of the following U.S. applications:
Ser. No. 08/736,798 filed Oct. 25, 1996, now U.S. Pat. No. 5,918,214; Ser. No.
08/752,136 filed Nov. 19, 1996, now U.S. Pat. No. 6,064,979; Ser. No. 08/826,120
filed Mar. 27, 1997; U.S. Pat. No. 08/854,877 filed May 12, 1997, now U.S. Pat. No.
5,950,173; Ser. No. 08/871,815 filed Jun. 9, 1997, now abandoned; and U.S. Ser. No.
08/936,375 filed Sep. 24, 1997, each said Application is commonly owned by IPF,
Inc., and is incorporated herein by reference in its entirety as if fully set forth
herein.

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
JP	6-107574	April 22, 1994
FR	96 12524	October 6, 1996

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/27; 705/26, 705/14, 709/200, 709/245
US-CL-CURRENT: 705/27; 705/14, 705/26, 709/200, 709/245

FIELD-OF-SEARCH: 705/26, 705/27

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4654482	March 1987	DeAngelis	
☐	4775935	October 1988	Yourick	
☐	4841132	June 1989	Kajitani et al.	
☐	5029104	July 1991	Dodson et al.	
☐	5264822	November 1993	Vogelman et al.	
☐	5288976	February 1994	Citron et al.	
☐	5307456	April 1994	MacKay	
☐	5319542	June 1994	King, Jr. et al.	
☐	5333237	July 1994	Stefanopoulos et al.	
☐	5355472	October 1994	Lewis	
☐	5398336	March 1995	Tantry et al.	
☐	5448046	September 1995	Swartz	
☐	5524195	June 1996	Clanton et al.	
☐	5528490	June 1996	Hill	
☐	5532735	July 1996	Blahut et al.	
☐	5572643	November 1996	Judson	
☐	5583560	December 1996	Florin et al.	
☐	5592378	January 1997	Cameron et al.	
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☐	5612527	March 1997	Ovadia	
☐	5635694	June 1997	Tuhro	
☐	5640193	June 1997	Wellner	
☐	5715444	February 1998	Danish et al.	
☐	5721827	February 1998	Logan et al.	
☐	5724521	March 1998	Dedrick	
☐	5737619	April 1998	Judson	
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☐	5804803	September 1998	Cragun et al.	235/275
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	Patent Number	Date	Inventor	Class
☐	5890175	March 1999	Wong et al.	
☐	5897622	April 1999	Blinn et al.	
☐	5902353	May 1999	Reber et al.	709/219
☐	5903729	May 1999	Reber et al.	395/200.49
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☐	5905251	May 1999	Knowles	
☐	5913040	June 1999	Rakavy et al.	
☐	5913210	June 1999	Call	
☐	5918213	June 1999	Bernard et al.	
☐	5918214	June 1999	Perkowski	
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☐	5938726	August 1999	Reber et al.	
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☐	5940595	August 1999	Reber et al.	
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☐	5950173	September 1999	Perkowski	
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☐	5959623	September 1999	van Hoff et al.	
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☐	6012102	January 2000	Shachar
☐	6027024	February 2000	Knowles
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☐	6035332	March 2000	Ingrassia, Jr. et al.
☐	6038545	March 2000	Mandeberg et al.
☐	6044218	March 2000	Faustini
☐	6045048	April 2000	Wilz, Sr. et al.
☐	6061659	May 2000	Murray
☐	6064979	May 2000	Perkowski
☐	6065024	May 2000	Renshaw
☐	6078848	June 2000	Bernstein et al.
☐	6081827	June 2000	Reber et al.
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☐	6119165	September 2000	Li et al.
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☐	6448979	September 2002	Schena et al.
☐	2001/0033225	October 2001	Razavi et al.

340/425.5

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WO 97/07656	March 1997	WO	
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WO 97/37319	October 1997	WO	
WO 98/02847	January 1998	WO	
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WO 99/33014	July 1999	WO	
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Scientific article entitled "Animating the Ad" by Mark Gimein, The Industry Standard, Feb. 22-Mar. 1, 1999, pp. 1-6.
Web-based product brochure for "Home Network Enliven Services" by Enliven Services, http://www.enliven.com/products/prodinfo.htm, 1999, pp. 1-8.
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Scientific publication entitled "In-House vs. Out-Sourced Ad Serving" by Real Media, Inc., Fort Washington, PA, Dec. 22, 1998, pp. 1-4.
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Press Release entitled ""Applied Intelligence Group Inc. Announces New Product Solution that Enhances its Core ViaLink Service"" by Investors Press Releases., http://www2.vialink.com/investors/press_releases/02_24_98.html, Feb. 24, 1998, pp. 1-2.
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Draft Technical Report entitled "The Retail Store of the Future: Crest of the Third Wave" by Robert J. Corey, Ph.D. and John R. Spears, Ed.D., Jan. 15, 1997, pp. 1-45.
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100-058PCT000, 2001.
PCT/US97/19227, 1998.

ART-UNIT: 3625

PRIMARY-EXAMINER: Coggins; Wynn W.

ASSISTANT-EXAMINER: Fadok; Mark

ATTY-AGENT-FIRM: Perkowski, Esq., PC; Thomas J.

ABSTRACT:

Method of and system for delivering consumer product related information to consumers over the Internet. The system and method involves creating an UPN-encoded Consumer Product Information (CPIR) enabling Applet for each consumer product registered within a manufacturer-managed UPN/URL database management system. Each CPIR-enabling Applet is encapsulated within an executable file and then stored in the UPN/URL database management system. Each CPIR-enabling Applet is searchable and downloadable by, for example, (1) retailers purchasing products from an electronic-commerce enabled product catalog, (2) advertisers desiring to link consumer product information to Web-based product advertisements, or (3) anyone having a legitimate purpose of disseminating such information within the stream of electronic commerce. After downloading and extraction from its encapsulating file, the CPIR-enabling Applet is embedded within an HTML-encoded document associated

with, for example, an EC-enabled store, on-line auction site, product advertisement, Internet search engine or directory, and the like. Upon encountering such an Applet-encoded HTML document on the WWW, the consumer need only perform a single mouse-clicking operation to automatically execute the underlying CPIR-enabling Applet (on either the client or server side of the network), causing a UPN-directed search to be performed against the manufacturer-defined UPN/URL Database, and the results thereof displayed in an independent Java GUI, without disturbing the consumer's point of presence on the WWW. Preferably, the CPIR-enabling Applets are realized using Java.TM. technology, although it is understood that alternative technologies can be used to practice the system and methods of the present invention.

28 Claims, 78 Drawing figures

9/875053

WEST

□ | Generate Collection | Print |

US-PAT-NO: 6606744
DOCUMENT-IDENTIFIER: US 6606744 B1

TITLE: Providing collaborative installation management in a network-based supply chain environment

DATE-ISSUED: August 12, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mikurak; Michael G.	Hamilton	NJ		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Accenture, LLP	Palo Alto	CA			02

APPL-NO: 09/ 444654   [PALM]
DATE FILED: November 22, 1999

INT-CL: [07] G06 F 9/445

US-CL-ISSUED: 717/174; 717/174, 717/178, 705/26
US-CL-CURRENT: 717/174; 705/26, 717/178

FIELD-OF-SEARCH: 717/168, 717/170, 717/171, 717/174, 717/177, 717/172, 717/102, 717/176, 717/178, 705/1, 705/21, 705/26, 705/28, 709/201, 709/217, 709/227

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| Search Selected | Search ALL |

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
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□	4972453	November 1990	Daniel et al.	
□	5109337	April 1992	Ferriter et al.	
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□	5297031	March 1994	Gutterman et al.	
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□	5495610	February 1996	Shing et al.	709/221
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	Patent No.	Date	Name	Class
☐	5621663	April 1997	Skagerling	
☐	5646864	July 1997	Whitney	
☐	5655068	August 1997	Opoczynksi	
☐	5694546	December 1997	Reisman	
☐	5696975	December 1997	Moore et al.	717/168
☐	5729735	March 1998	Meyering	
☐	5761502	June 1998	Jacobs	
☐	5764543	June 1998	Kennedy	
☐	5768501	June 1998	Lewis	
☐	5819028	October 1998	Manghirmalani et al.	
☐	5832196	November 1998	Croslin et al.	
☐	5864483	January 1999	Brichta	
☐	5864662	January 1999	Brownmiller et al.	
☐	5883955	March 1999	Ronning	
☐	5890175	March 1999	Wong et al.	
☐	5893905	April 1999	Main et al.	
☐	5895454	April 1999	Harrington	
☐	5907490	May 1999	Oliver	
☐	5953707	September 1999	Huang et al.	
☐	5974391	October 1999	Hongawa	
☐	5974395	October 1999	Bellini et al.	705/9
☐	5974403	October 1999	Takriti et al.	
☐	5987423	November 1999	Arnold et al.	
☐	5999525	December 1999	Krishnaswamy et al.	
☐	6006016	December 1999	Faigon et al.	
☐	6006196	December 1999	Feigin et al.	
☐	6058426	May 2000	Godwin et al.	
☐	6067525	May 2000	Johnson et al.	
☐	6104868	August 2000	Peters et al.	
☐	6105069	August 2000	Franklin et al.	709/229
☐	6151582	November 2000	Huang et al.	
☐	6157915	December 2000	Bhaskaran et al.	705/7
☐	6167378	December 2000	Weber, Jr.	
☐	6195697	February 2001	Bowman-Amuah	
☐	6199204	March 2001	Donohue	717/178
☐	6219700	April 2001	Chang et al.	709/222
☐	6253339	June 2001	Tse et al.	
☐	6256676	July 2001	Taylor et al.	709/246

☐	6289462	September 2001	McNabb et al.	713/201
☐	6314565	November 2001	Kenner et al.	717/171
☐	6347398	February 2002	Parthasarthy et al.	717/178
☐	6349237	February 2002	Koren et al.	
☐	6470496	October 2002	Kato et al.	717/173
☐	6487718	November 2002	Rodriguez et al.	717/177

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Tan et al, "Applying component technology to improve global supply chain network management", ACM pp. 296-301, 1999.*

Ball et al, "Supply chian infrastructures system integration and information sharing", ACM SIGMOD, vol. 31, No. 1, pp. 61-66, Mar. 2002.*

Fu et al, "Multi agent enabled modeling and simulation towards collaborative inventory management in supply chains", ACM Proc. winter simulation, pp. 1763-1771, 2000.*

Zhao et al, "Data management issues for large scale distributed wokflow system on the internet", The database for Adv. in Inf. Sys. vo. 29, No. 4, pp. 22-32, 1998.*

"Network Trends: Internet Technology Improves Supply Chain Management". Asia computer Trends. Singapore. Dec. 14, 1998.

"Network Two Chooses Netcool to Support Ongoing Expansion and Proactive Management Initiative", Business Wire, Nov. 2, 1998, 2 pages, [Retrieved on Mar. 19, 2002], Retrieved from: Proquest.

"Proactive Networks Offers TelAlert-Pronto Watch 2.5 Integration", business Wire, Nov. 2, 1998, 2 pages, [Retrieved on Mar. 19, 2002], Retrieved from: Proquest.

"User's Guide for Microsoft Project." 1995; Microsoft Corporation. pp. 3,4,14-16, 82-84, 91, 130, 132-134, 175, 209. Document No. Pj62476-0895.

ART-UNIT: 2122

PRIMARY-EXAMINER: Khatri; Anil

ATTY-AGENT-FIRM: Oppenheimer Wolff & Donnelly, LLP Nader; Rambed

ABSTRACT:

A system, method and article of manufacture are provided for collaborative installation management in a network-based supply chain environment. According to an embodiment of the invention, telephone calls, data and other multimedia information are routed through a network system which includes transfer of information across the internet utilizing telephony routing information and internet protocol address information. The system includes integrated Internet Protocol (IP) telephony services allowing a user of a web application to communicate in an audio fashion in-band without having to pick up another telephone. Users can click a button and go to a call center through the network using IP telephony. The system invokes an IP telephony session simultaneously with the data session, and uses an active directory lookup whenever a user uses the system. Users include service providers and manufacturers utilizing the network-based supply chain environment.

18 Claims, 130 Drawing figures

L13: Entry 3 of 8   File: USPT   Nov 19, 2002

US-PAT-NO: 6484149
DOCUMENT-IDENTIFIER: US 6484149 B1
** See image for Certificate of Correction **

TITLE: Systems and methods for viewing product information, and methods for generating web pages

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jammes; Pierre J.	Bellevue	WA		
Franklin; D. Chase	Seattle	WA		
Remington; Darren B.	Issaquah	WA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 08/ 948453   [PALM]
DATE FILED: October 10, 1997

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/26
US-CL-CURRENT: 705/26

FIELD-OF-SEARCH: 705/26, 705/27, 705/28

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| Search Selected | | Search ALL |

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5491795	February 1996	Beaudet et al.	345/346
☐	5715314	February 1998	Payne et al.	380/24
☐	5745681	April 1998	Levine et al.	705/26
☐	5790116	April 1998	Malone et al.	345/335
☐	5757917	May 1998	Rose et al.	380/25
☐	5848399	December 1998	Burke	705/27
☐	5855015	December 1998	Shoham	707/5
☐	5897622	April 1999	Blinn et al.	705/26
☐	5956487	September 1999	Venkatraman et al.	340/825.06
☐	5970471	October 1999	Hill	705/26
☐	6014638	January 2000	Burge et al.	705/27

ART-UNIT: 2132

PRIMARY-EXAMINER: Smithers; Matthew

ATTY-AGENT-FIRM: Lee & Hayes, PLLC

ABSTRACT:

A system and method for designing and operating an electronic store (1) permit a merchant to organize and advertise descriptions of product inventory over the Internet, (2) permit Web page information to be extracted on-demand from a product inventory database, and (3) permit Web pages to be automatically customized to fit shopping behaviors of individual consumers. A graphical store design user interface of a Web browser displays a hierarchical representation of products and, product groups of an electronic store. A user manipulates icons of the Web browser store design user interface to cause a Web server to modify relationships between products and product groups stored in a product information database. A store designer creates HTML template files, embeds database and customize references within the template files, and assigns template files to groups or products of the electronic store.

The Web server receives requests to access Web pages from consumers using standard Web browsers. The Web server opens a template file related to the requested Web page, creates hyperlinks and other information content by executing database references embedded within the template file, and merges the hyperlinks and content with the template file to generate an HTML Web page to send to the Web browser. The Web server automatically creates additional hyperlinks to any Web pages or products preferred by the consumer by executing customize instructions associated with customize references in a template file. To determine whether any products or Web pages are preferred by a consumer, the Web server examines a traffic analysis database and extracts the consumer's history of accesses to Web pages and orders of products. For each Web page the consumer has accessed, the Web server uses preferred page rules to determine whether the page was accessed with sufficient frequency to generate a hyperlink to the page. For each product the consumer ordered, the Web server uses preferred product rules to determine whether the product was ordered with sufficient frequency to generate a hyperlink to a page offering the product.

17 Claims, 33 Drawing figures

Generate Collection   Print

L13: Entry 4 of 8   File: USPT   Sep 3, 2002

US-PAT-NO: 6446045
DOCUMENT-IDENTIFIER: US 6446045 B1

TITLE: Method for using computers to facilitate and control the creating of a plurality of functions

DATE-ISSUED: September 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stone; Lucinda	Dallas	TX	75240	
Dean; Michael A.	Dallas	TX	75240	

APPL-NO: 09/ 480303   [PALM]
DATE FILED: January 10, 2000

INT-CL: [07] C06 F 17/60

US-CL-ISSUED: 705/26
US-CL-CURRENT: 705/26

FIELD-OF-SEARCH: 705/14, 705/26, 705/27

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected   Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5193056	March 1993	Boes	
☐	5581461	December 1996	Coll et al.	
☐	5724520	March 1998	Goheen	
☐	5794207	August 1998	Walker et al.	
☐	5797126	August 1998	Helbling et al.	
☐	5845261	December 1998	McAbian	
☐	5878141	March 1999	Daly et al.	
☐	5884277	March 1999	Khosla	
☐	5893076	April 1999	Hafner et al.	
☐	5946646	August 1999	Schena	
☐	6026371	February 2000	Beck et al.	705/14
☐	6038545	March 2000	Mandeberg et al.	705/27
☐	6064967	May 2000	Speicher	705/14
☐	6119101	September 2000	Peckover	705/14
☐	6324519	November 2001	Eldering	705/14
☐	2001/0011226	August 2001	Greer et al.	705/14

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
408249426	September 1996	JP	

OTHER PUBLICATIONS

"Groups set to unveil Web ad guidelines" Dec. 9, 1996, Advertising Age, vol. 67, No. 50, p. 1.*
"ABC formally launches Reader Profile Service as NAA unveils the NICC's silhouette" Aug. 2, 1999, NewsInc, vol. 11, NO. 1.*
Hamblen, Matt, "Shell protects brand via net" Jan. 10, 2000, Computerworld, vol. 34, No. 2, p. 39.

ART-UNIT: 2167

PRIMARY-EXAMINER: Olszewski; Robert P.

ASSISTANT-EXAMINER: Jaketic; Bryan

ATTY-AGENT-FIRM: Croskell, Esq.; Henry

ABSTRACT:

The present invention is a method and apparatus that allows competing as well as complementing suppliers, vendors, service providers, purveyors, and other types of sellers internal inventory management as well as controlled design and publication of presentations for external near real-time interactive access to buyer-centered presentation, sales, distribution, and confirmation systems as well as other traditional media advertising and outreach. The Automated Media Presentation Generator including a Publication and Placement Control Engine, integrates a Distributed Sales and Inventory Control structure with Processing and Communications Resource Saver, and further provides a Reservation, Access, and Verification System replacing traditional ticket and confirmation methods.

23 Claims, 35 Drawing Figures

US-PAT-NO: 6260024
DOCUMENT-IDENTIFIER: US 6260024 B1

TITLE: Method and apparatus for facilitating buyer-driven purchase orders on a commercial network system

DATE-ISSUED: July 10, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shkedy; Gary	New York	NY	10028	

APPL-NO: 09/ 203843   [PALM]
DATE FILED: December 2, 1998

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/37; 705/10, 705/28, 705/23, 705/26
US-CL-CURRENT: 705/37; 705/10, 705/23, 705/26, 705/28

FIELD-OF-SEARCH: 705/28, 705/10, 705/35, 705/26, 705/23, 705/25, 705/14, 705/44, 705/37, 380/25, 380/23

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

[Search Selected] [Search ALL]

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4903201	February 1990	Wagner	
☐	5191613	March 1993	Graziano et al.	
☐	5794207	August 1998	Walker et al.	705/23
☐	5794219	August 1998	Brown	
☐	5835896	November 1998	Fisher et al.	

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
411748	June 1991	EP	

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Murray, John E Jr, When a contract is not a contract, PP 1-3, Dec. 1996.*
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Structuring an Acquistion Strategy, Green, Janet M, PP 1-6, Dec. 1992.*

Like going to the grocery store, Credit Card Management, James J Daly, PP 1-6, Aug. 1997.*

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ART-UNIT: 212

PRIMARY-EXAMINER: Trammell; James P.

ASSISTANT-EXAMINER: Tesfamariam; Mussie K.

ABSTRACT:

Systems and methods are described for providing a global bilateral buyer-driven system for creating binding contracts by incorporating various methods of communication, commerce and security for the buyers and the sellers. Individual buyers purchase requirements are aggregated into a single collective purchase requirement and sellers are located willing to bid on the collective purchase requirement. A central controller facilitates the buyer/seller transaction by fielding binding offers from buyers, aggregating those offers into group (i.e. pooled) offers and communicating those group offers globally in a format which can be efficiently accessed and analyzed by potential sellers. This system can also effectuate performance of resulting contracts, resolve disputes arising from those contracts, and maintain billing, collection, authentication, and anonymity. The methods disclosed are applicable to any commerce situation involving buyers and sellers.

37 Claims, 17 Drawing figures

L13: Entry 6 of 8   File: USPT   Sep 26, 2000

US-PAT-NO: 6125352
DOCUMENT-IDENTIFIER: US 6125352 A
** See image for Certificate of Correction **

TITLE: System and method for conducting commerce over a distributed network

DATE-ISSUED: September 26, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Franklin; D. Chase	Seattle	WA		
Remington; Darren B.	Issaquah	WA		
Saliba; Bassam	Kirkland	WA		
Speelpenning; Bert	Kirkland	WA		
Cockrill; Michael	Issaquah	WA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 08/ 748688   [PALM]
DATE FILED: November 13, 1996

PARENT-CASE:
PRIORITY This application claims priority from the provisional patent application
No. 60/020,891 mailed Jun. 28, 1996, titled, "SYSTEM AND METHOD FOR CONDUCTING
COMMERCE OVER A DISTRIBUTED NETWORK."

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/26; 705/27, 709/217, 709/218, 709/219
US-CL-CURRENT: 705/26; 705/27, 709/217, 709/218, 709/219

FIELD-OF-SEARCH: 705/26, 705/27, 705/16, 705/17, 705/18, 705/1, 380/24, 380/25,
235/383, 340/825.35, 395/200.47, 395/200.48, 395/200.49, 709/218, 709/219, 709/217

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected | Search ALL

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐ 4799156	January 1989	Shavit et al.	364/401
☐ 4992940	February 1991	Dworkin	364/401
☐ 5469206	November 1995	Strubbe et al.	348/7
☐ 5590197	December 1996	Chen et al.	380/24
☐ 5640193	June 1997	Wellner	348/7
☐ 5664110	September 1997	Green et al.	705/26
☐ 5664115	September 1997	Fraser	705/37
☐ 5671279	September 1997	Elgamal	380/23
☐ 5677955	October 1997	Doggett et al.	380/24
☐ 5710887	January 1998	Chelliah et al.	705/26
☐ 5721832	February 1998	Westrope et al.	705/27
☐ 5744787	April 1998	Teicher	235/380
☐ 5757917	May 1998	Rose et al.	380/25
☐ 5850446	December 1998	Berger et al.	380/24
☐ 5918213	June 1999	Bernard et al.	705/26
☐ 5956483	September 1999	Grate et al.	709/203

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General overview and description of eShop Technology, Internet address: http://www.eshop.com/corp/technology.html. This reference was copied from the Internet and printed around May, 1996, although the pages are dated Jan. 1, 1996. A compilation of press releases of various dates describing features of eShop Technology, Internet address: http://www.eshop.com/corp/press.html. This reference was copied from Internet and printed around May, 1996, although the pages are dated Jan. 1, 1996. Also note dates listed for press release of Nov. 7, 1995, Dec. 7, 1995, and Jan. 23, 1996.

ART-UNIT: 271

PRIMARY-EXAMINER: Cosimano; Edward R.

ATTY-AGENT-FIRM: Lee & Hayes, PLLC

ABSTRACT:

A system and method for conducting commerce over a distributed network manage merchant and product information in an electronic shopping basket, payment source information in an electronic wallet, and shipping address information in an electronic address book, all of such information being stored on a consumer computer. A commerce client running on the consumer computer is configured as a MIME handler and extends the functionality of a standard Web browser to support computer-based shopping. A merchant site Web server provides HTML-coded Web documents which describe merchant products and which host computer-based shopping options. The HTML-coded Web documents contain function-calling information by which consumer-selected options invoke shopping-related functions on either the merchant (server) computer or the consumer (client) computer. A consumer selects the options from within the Web browser to initiate shopping-related operations such as: retrieve product information from merchants on the World Wide Web, selectively store product information locally on the consumer computer, locally compare product information from different merchants, locally store payment source and shipping address information and selectively forward such information to merchant sites, order products from Web-based merchants, track the status of purchase orders, and receive instructional information on application usage.

25 Claims, 12 Drawing figures

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US-PAT-NO: 5809144
DOCUMENT-IDENTIFIER: US 5809144 A

TITLE: Method and apparatus for purchasing and delivering digital goods over a network

DATE-ISSUED: September 15, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sirbu; Marvin A.	Pittsburgh	PA		
Tygar; J. D.	Pittsburgh	PA		
Cox; Benjamin T. H.	Pittsburgh	PA		
Wagner; Thomas	Pittsburgh	PA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Carnegie Mellon University	Pittsburgh	PA			02

APPL-NO: 08/ 519074   [PALM]
DATE FILED: August 24, 1995

INT-CL: [06] H04 L 9/00

US-CL-ISSUED: 380/25; 380/9, 380/21, 380/23, 380/24, 380/29, 380/30, 380/49, 380/59, 705/26, 705/27
US-CL-CURRENT: 705/53; 380/282, 380/29, 380/30, 380/59, 705/26, 705/27, 705/75, 705/78, 705/80

FIELD-OF-SEARCH: 380/4, 380/9, 380/23, 380/24, 380/25, 380/21, 380/29, 380/30, 380/44, 380/46, 380/49, 380/50, 380/59, 395/226, 395/227, 395/230, 395/235, 395/239, 395/240, 395/242, 395/244, 705/26, 705/27, 705/39, 705/40, 705/41, 705/42, 705/43, 705/44, 705/45

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected | Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5191573	March 1993	Hair	
☐	5383113	January 1995	Kight et al.	

OTHER PUBLICATIONS

B. Clifford Neuman, Proxy-Based Authorization and Accounting for Distributed Systems, Proceedings of the 13th International Conference on Distributed Computing Systems, Pittsburgh, May 1993.

Internet Billing Service Design and Prototype Implementation INI Technical Report TR
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The Internet Billing Server Transaction Protocol Alternatives INI TR 1994-1, Kevin
O'Toole, Apr. 26, 1994.
Network Based Billing Server TR 1991-7, Stephen Mak.
Alireza Bahreman, Certified Electronic Mail, Feb., 1994.
"How NetBill works"; no author listed; earliest copyright date is 1995; Carnegie
Mellon University; posted on the Internet at
http://www.netbill.com./netbillworks.html.
iKP--A Family of Secure Electronic Payment Protocols, Mihir Bellare, Juan A. Garay,
Ralf Hauser, Amir Herzberg, Hugo Krawczyk, Michael Steiner, Gene Tsudik and Michael
Waidner, believed to be published on May 8, 1995.
Carnegie Mellon University Information Networking Institute, Maintaining Privacy In
Electronic Transactions, Benjamin T.H. Cox, belived to be published before Aug. 24,
1995.
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Richard Batelaan et al., An Internet Billing Server: System Requirements, Carnegie
Mellon University, Jul., 1992 TR 1992-1.
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Eric Bodner et al., An Internet Billing Server: Prototype Requirements, Carnegie
Mellon University, 1993 TR 1993-2.
Eric Bodner et al., The Internet Billing Server: Design Document, Carnegie Mellon
University, 1993, TR 1993-3.
Eric Bodner et al., An Internet Billing Server: Analysis of Distributed Computing
and Cross Platform Issues, Carnegie Mellon University, 1993 TR 1993-4.
Eric Bodner et al., An Internet Billing Server: Availability, Reliability &
Scalability Issues in the MS4 Billing Server Design & Prototype, Carnegie Mellon
University, 1993 TR 1993-5.

ART-UNIT: 362

PRIMARY-EXAMINER: Gregory; Bernarr E.

ATTY-AGENT-FIRM: Kirkpatrick & Lockhart LLP

ABSTRACT:

A method for purchasing and delivering goods over a network is comprised of the
steps of identifying a digital good to be purchased. A purchase price for the
digital good is negotiated. After the negotiation step, an authenticated purchase
request is sent to the merchant. The merchant encrypts the desired digital good and
calculates a first cryptographic checksum for the encrypted good. The encrypted
digital good and the first cryptographic checksum together with a timestamp are then
transmitted to the customer. The customer calculates a second cryptographic checksum
for the received encrypted digital good. The customer creates an electronic payment
order containing information identifying the transaction, the second cryptographic
checksum, credentials, and the timestamp. The electronic payment order is
transmitted to the merchant. The merchant compares the first and second
cryptographic checksums to ensure that they match, and if so, the merchant adds an
electronic signature and a decryption key to the electronic payment order. The
merchant submits the merchant signed electronic payment order and the key to an
account server for review. The account server reviews the information in the
electronic payment order and sends a message, including the key if the review is
positive, to the merchant. The merchant forwards the message to the customer. If the
message contained the key, the customer uses the key to decrypt the goods.

128 Claims, 10 Drawing figures

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L13: Entry 8 of 8   File: USPT   Jan 17, 1989

US-PAT-NO: 4799156
DOCUMENT-IDENTIFIER: US 4799156 A
** See image for Certificate of Correction **

TITLE: Interactive market management system

DATE-ISSUED: January 17, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shavit; Eyal	New York	NY		
Teichner; Lester	Chicago	IL		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Strategic Processing Corporation	New York	NY			02

APPL-NO: 06/ 914172   [PALM]
DATE FILED: October 1, 1986

INT-CL: [04] G06F 15/21

US-CL-ISSUED: 364/401; 364/408
US-CL-CURRENT: 705/26; 705/28, 705/39, 705/40, 705/42, 705/44

FIELD-OF-SEARCH: 364/400-408, 364/2MSFile, 364/9MSFile, 340/825.26, 340/825.27, 340/825.28

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| Search Selected | Search ALL |

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐ 3573747	April 1971	Adams et al.	340/825.27 X
☐ 3688276	August 1972	Quinn	364/200
☐ 4186438	January 1980	Benson et al.	364/200
☐ 4346442	August 1982	Musmanno	364/408
☐ 4376978	March 1983	Musmanno	364/408
☐ 4449186	May 1984	Kelly et al.	364/900 X
☐ 4674044	June 1987	Kalmus et al.	364/408
☐ 4677552	June 1987	Sibley, Jr.	364/408
☐ 4694397	September 1987	Grant et al.	364/408

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
1489572	October 1977	GB	364/408

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United States Electronic Data Interchange (EDI) Standards, The Electronic Data Interchange Association, 1985.
Networking: Japan's Latest Computer Craze, Fortune, July 7, 1986.

ART-UNIT: 236

PRIMARY-EXAMINER: Smith; Jerry

ASSISTANT-EXAMINER: MacDonald; Allen

ATTY-AGENT-FIRM: Welsh & Katz, Ltd.

ABSTRACT:

A system for interactive on-line electronic communications and processing of business transactions between a plurality of different types of independent users including at least a plurality of sellers, and a plurality of buyers, as well as financial institutions, and freight service providers. Each user can communicate with the system from remote terminals adapted to access communication links and the system may include remote terminals adapted for storage of a remote data base. The system includes a data base which contains user information. The data base is accessed via a validation procedure to permit business transactions in an interactive on-line mode between users during interactive business transaction sessions wherein one party to the transaction is specifically selected by the other party. The system permits concurrent interactive business transaction sessions between different users.

43 Claims, 34 Drawing figures

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L4: Entry 2 of 3　　　　　　　　File: DWPI　　　　　　　Apr 12, 2002

DERWENT-ACC-NO: 2002-389719
DERWENT-WEEK: 200242
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TITLE: Electronic transactions method involves changing temporary purchase order of
component ordered to component selling site, into formal purchase order after
confirming payment of price from payment agent system

PATENT-ASSIGNEE: NEC CORP (NIDE)

PRIORITY-DATA: 2000JP-0294992 (September 27, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2002109431 A	April 12, 2002		005	G06F017/60

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP2002109431A	September 27, 2000	2000JP-0294992	

INT-CL (IPC): G06 F 17/60

ABSTRACTED-PUB-NO: JP2002109431A
BASIC-ABSTRACT:

NOVELTY - A finished product selling site (2) changes temporary purchase order of
the component ordered to a component selling site (3), into formal purchase order
after confirming the payment of the price of the finished product to a payments
agent system (4) from a customer (1).

USE - For conducting transaction and settling payments for transaction through
internet.

ADVANTAGE - As the temporary purchase order is changed into formal purchase order,
the component selling site can cancel freely the contract with the finished product
selling site. The risk associated with the component selling site is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the electronic transactions system.
(Drawing includes non-English language text).

Customer 1

Finished product selling site 2

Component selling site 3

Payments agent system 4

ABSTRACTED-PUB-NO: JP2002109431A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/4

WEST

End of Result Set

[ ] [Generate Collection] [Print]

L4: Entry 3 of 3   File: DWPI   Apr 30, 1996

DERWENT-ACC-NO: 1996-265389
DERWENT-WEEK: 199627
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TITLE: Selling processing method using prepaid card - involves changing and
resetting use price to host computer

PATENT-ASSIGNEE: KUBOTA CORP (KUBI)

PRIORITY-DATA: 1994JP-0247410 (October 13, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 08110972 A	April 30, 1996		006	G07F007/08

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 08110972A	October 13, 1994	1994JP-0247410	

INT-CL (IPC): G07 F 7/08

ABSTRACTED-PUB-NO: JP 08110972A
BASIC-ABSTRACT:

The method involves performing a transaction in a payment machine located in site A
or site B. When the prepaid card is used in the machine located in site A, the
corresp. amount is charged to the card.

The data is updated in the computer at the site A. At the same time the affiliated
location is also read from the card. Based on this information the card data is also
updated at the host computer located in site B.

ADVANTAGE - Improves operation. Makes it possible to use single card at machines
located in different sites.

ABSTRACTED-PUB-NO: JP 08110972A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/4

DERWENT-CLASS: T05
EPI-CODES: T05-H02C1; T05-H08C; T05-L01D;